

**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt Resolution Awarding the Annual Purchase Order for Materials and Services Needed to Maintain the Trojan Ultra Violet Disinfection System at White Slough Water Pollution Control Facility to DC Frost Associates, Inc., of Walnut Creek, CA (\$263,740)

MEETING DATE: July 6, 2011

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Adopt resolution awarding the annual purchase order for materials and services needed to maintain the Trojan Ultra Violet (UV) disinfection system at White Slough Water Pollution Control Facility to DC Frost Associates, Inc., of Walnut Creek, in the amount of \$263,740.

BACKGROUND INFORMATION: The Trojan UV System at White Slough Water Pollution Control Facility went online in January 2005. The UV system requires regular maintenance to keep it properly operating. D.C. Frost Associates is the local representative for Trojan Technologies, the sole source for the UV equipment.

The attached list of materials and services provided in Exhibit A presents an estimate of parts needed for annual maintenance. Also included in the list is the cost to provide quarterly service from a Trojan certified technician. The materials and services are essential to maintain optimal operation of the UV system, which helps prevent equipment malfunctions, reducing the risk of regulatory fines.

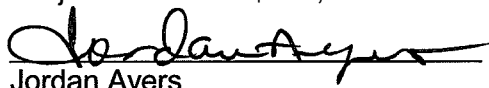
The annual UV maintenance cost for FY 2011/2012 is increased by \$33,421 due to increases in equipment costs and an increase in the number of replacement quartz sleeves that are showing signs of wear since commissioning. The quartz sleeve replacement is necessary for the system to meet regulatory requirements.

FISCAL IMPACT: This contract reduces the risk of failures to the UV system and the levy of regulatory fines by the State Water Resources Control Board.

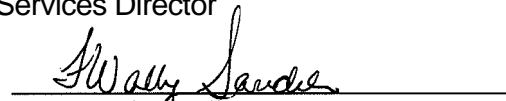
FUNDING AVAILABLE: Funding for this contract will come from the 2011/2012 White Slough Operating Budget.

Budgeted Fund: White Slough Operating Fund (170403)

Project Estimate: \$263,740


Jordan Ayers

Deputy City Manager/Internal Services Director


F. Wally Sadelin
Public Works Director

Prepared by Del Kerlin, Wastewater Treatment Superintendent

FWS/CS/ki

cc: D. Stephen Schwabauer, City Attorney
Charles E. Swimley, Jr., Deputy Public Works Director-Utilities
Del Kerlin, Wastewater Treatment Superintendent

APPROVED: _____

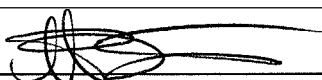

Konradt Bartlam, City Manager

EXHIBIT A**Aftermarket Parts Price List**

Minimum Order \$50.00

Trojan UV3Plus

F.O.B. Factory, Prepay & Add Freight

Tax is not included

1) Lamps, Sleeves & Ballasts Prices marked with * are in effect through January 31, 2012.				
Part #	Description	Quantity	Unit Price	Extended Price
302509	Lamp GA64T6 Amalgam, C-Series	1200	147.00*	176,400.00
316136	Sleeve, Quartz	500	58.80*	29,400.00
915378	Ballast	10	382.30*	3823.00

2a) Module Parts				
Part #	Description	Quantity	Unit Price	Extended Price
912356-001	Board, MCB 220-277V	2	85.00	170.00
912362	IC Transceiver Chip RS485 75176	10	16.00	160.00
328024-003	Wire Harness, MOD SEC 60"	4	13.00	52.00
2b) Module Common Parts				
Part #	Description	Quantity	Unit Price	Extended Price
316144	O-Ring, Sleeve Seal	1200	0.30	360.00

3) UV Intensity Sensor Replacement Parts				
Part #	Description	Quantity	Unit Price	Extended Price
015239	Sensor Sleeve, Quartz (6')	5	104.00	520.00

4) Power Distribution Center				
Part #	Description	Quantity	Unit Price	Extended Price
316074	Receptacle Assembly	2	220.00	440.00
912706	Board, Relay 220-277V (OES 2382)	10	168.00	1680.00

5) Hydraulic System Center				
Part #	Description	Quantity	Unit Price	Extended Price
907384	Hydraulic Filter Element	3	29.00	87.00
931012-120	Board, HCB 120V (OES 2401B)	1	2122.00	2122.00
326085	Water Glycol, Hydraulic (5 gal.)	22	191.00	4202.00
326411	Hydraulic Cylinder	2	833.00	1666.00

Aftermarket Parts Price List

Minimum Order \$50.00

EXHIBIT A**Trojan UV3Plus**

F.O.B. Factory, Prepay & Add Freight

Tax is not included

6) Level Sensor				
Part #	Description	Quantity	Unit Price	Extended Price
912179	Board, Low Level Relay 120VAC	1	219.00	219.00
903381	Level Sensor Electrode (2' SS)	1	32.00	32.00
903957-002	Electrode, Level Sensor w/Sheath 2"	1	56.00	56.00

7) Wiper System				
Prices marked with * are in effect through January 31, 2012.				
Part #	Description	Quantity	Unit Price	Extended Price
005066	Grease, Food Grade	6	17.00	102.00
010301	Vent Screw	5	0.30	1.50
327021	Seal Kit	50	12.93*	646.50
327030	Tubing, Viton, 1/4", part #327030	36"	0.90	32.40
327066	Fitting, Inter-Wiper 90° Elbow	22	1.25	27.50
327027	Fitting, Interwiper (PVC)	50	0.90	45.00
331005	Rust Inhibitor, Safeguard M-1	2	52.00	104.00
901507	Acti-Clean Gel, 4x1 gallon	5	140.00	700.00

8) Preventive Maintenance				
Part #	Description	Quantity	Unit Price	Extended Price
Preventive Maint.	Quarterly Service (1 day per quarter)	1 yr	\$14,880.00	\$14,880.00

Total (without tax or freight)				\$237,927.90
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*Parts with pricing in effect through January 31, 2012 are subject to CPI adjustments per agreement.

RESOLUTION NO. 2011-100

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING
ANNUAL PURCHASE ORDER FOR MATERIALS AND
SERVICES NEEDED TO MAINTAIN ULTRA VIOLET
DISINFECTION SYSTEM AT WHITE SLOUGH WATER
POLLUTION CONTROL FACILITY

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WHEREAS, the ultraviolet (UV) system at the White Slough Water Pollution Control Facility went online in January 2005 and requires regular maintenance to keep it operating properly; and

WHEREAS, D.C. Frost Associates, Inc. is the local representative for Trojan Technologies, the sole source for the UV equipment; and

WHEREAS, staff recommends approving a purchase order with D.C. Frost Associates, Inc., of Walnut Creek, California, for materials and services needed for annual maintenance, including quarterly service from a certified technician, to maintain optimal operation and to ensure against fines imposed by the State Water Resources Control Board for equipment malfunction; and

WHEREAS, the estimated cost of the purchase order, based on past usage, is \$263,740, including tax and freight.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the purchase order of materials and services needed to maintain the UV disinfection system at the White Slough Water Pollution Control Facility to D.C. Frost Associates, Inc., of Walnut Creek, California, in the estimated amount of \$263,740.

Dated: July 6, 2011

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I hereby certify that Resolution No. 2011-100 was passed and adopted by the City Council of the City of Lodi in a regular meeting held July 6, 2011, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Katzakian, Mounce, and
Mayor Johnson

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – Nakanishi

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk